38. The Superintendent, Forest Surveys, states that the cost rates are, as usual, calculated from the totals of the *survey year* ending 30th September 1895, because the totals thus obtained correctly represent the actual cost of each Survey and its subsequent mapping during the recess; whereas if the total of the forest year were taken, it would represent the cost of one survey season, and the mapping of the surveys of the previous survey season of a totally different locality; and as the total expenditure for the survey year, Rs. 27,712, does not widely differ from the total expenditure of the forest year, Rs. 27,136, the cost rates are not materially affected.

39. The following statement shows a comparison of the outturn and cost of the forest surveys undertaken during the survey years 1893-94 and 1894-95 :—

Year.	Triangulation.		Detailed Survey.						Rate per Square mile.		
			4″ Scale.		8″ Scale.		16″ Scale.				
	Area.	Cost.	Area.	Cost.	Area.	Cost.	Area.	Cost.	4″.	8″.	16″.
	Sq.miles.	Rs.	Sq.miles.	Rs.	Sq.miles.	Rs.	Sq.miles.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1893-94 ...	200	1,192	8·60	727	112·85	15,214	65·0	11,662	84 9 3	134 13 7	179 6 7
1894-95 ...	...	...	159·35	12,918	113·03	11,970	24·24	2,824	81 1 4	110 13 7	116 7 3

40. The Forest Survey Party No. 17 of the Government of India, in addition to undertaking the surveys of forest reserves for the Forest Department, surveys and maps for the standard topographical sheets of the Survey of the Indian Empire, which are published on the scale of 1 inch equal to 1 mile, country outside forest reservations in the Kánara district as well as the country covered by forest areas, but the entire cost of the survey party for the whole year is charged to the Forest Department, and no fraction of it is charged to the Government of India in the Topographical Survey Department on account of the topographical survey work done by the party in Kánara. In order to arrive at the rates of cost of different forest surveys on different scales, to the actual cost of the field and mapping work is added a proportionate share of the cost of supervision, *i. e.* of the Superintendent's pay, &c., and of the head-quarters charges of No. 17 party. But if the actual cost of the topographical survey work performed by the party in Kánara were to be deducted from the amount now charged to the Forest Department on account of forest surveys, and if its proportionate share of supervision and of head-quarters charges were to be deducted also, and were to be added to the cost of the topographical survey in Kánara, then the rates for the survey work in the three circles on the different scales of 16,″ 8″ and 4″ equal to one mile would be lower than the Superintendent of Forest Survey shows them to have been, and the figures would consequently represent more correctly the actual or real cost of forest surveys.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

I.—REGULATION OF MANAGEMENT.

(*a*).—Working Plans and their Control.

41. The newly created Working Plans Division for the Central Circle was in charge of Mr. L. S. Osmaston, Deputy Conservator of Forests, 4th Grade, sub. *pro-tem.* throughout the year, whose operations were confined to the divisions of East Khándesh, Násik, Ahmednagar and Poona.

42. The field establishment which was not brought up to its full strength before the 1st January 1895, laid out 272 compartments on the ground at a cost of Rs. 516 during the working season; of these 272 compartments 45 with an acreage of 148·7 represent the Bábool compartments in the Poona divi-

sion ; 42 with an acreage of 3,735·205 in the divisions of East Khándesh and Násik constitute the number to be worked during 1895-96 ; and 185 with an acreage of 17,868·3 in the same divisions to be worked after 1895-96. 506 cairns and 1,149 mounds were erected to define the limits of these compartments.

43. Working Plans for the ranges of Bhadgaon in the East Khándesh division and of Sangamner in the Ahmednagar division have been completed and submitted to the Conservator, and of Chálisgaon and Akola ranges are under preparation and will be submitted shortly.

44. In addition to the 272 compartments laid out by the surveyors of the Working Plans division, the staff of the several Divisional Forest Officers in the Central Circle laid out 161 compartments ; and the details showing the area of these compartments and the expenditure incurred are given in the following statement :—

No.	Division.	Number of Compartments.	Area of Compartments.		Cost of Demarcation.		Number of Cairns erected.	Remarks.
			Total.	Average.	Total.	Average.		
			A. g.	A. g.	Rs. a. p.	Rs. a. p.		
1	East Khándesh	18	1,703 35	94 26	44 12 1	2 7 9	130	
2	West Khándesh	31	7,765 0	250 19	85 0 0	2 11 1	108	
3	Násik	4	331 30	82 37	9 7 0	2 5 9	126	
4	Ahmednagar	45	2,444 31	54 13	11 14 3	0 4 3	...	
5	Poona	26	1,129 23	43 18	164 3 6	6 5 1	339	
6	Sátára	17	986 34	58 2	72 0 0	4 3 9	48	
7	Sholápur	20	935 35	46 32	2 8 0	0 2 0	...	
	Total ...	161	15,297 31	95 1	389 12 10	2 6 9	751	

45. The figures given in the statement below will show the proportion of forests which have been blocked and are under systematic management :—

No.	Division.	Forest Area.		Area differentiated up to the end of 1894-95.		Area still remaining.		Percentage of Forest under detailed treatment.
		Sq. m.	Acres.	Sq. m.	Acres.	Sq. m.	Acres.	
1	East Khándesh ...	807	211	171	0	636	211	21·19
2	West Khándesh ...	1,722	22	89	0	1,633	22	5·11
3	Násik	1,279	380	235	0	1,044	380	18·37
4	Ahmednagar	847	295	178	0	669	295	21·01
5	Poona	711	244	196	0	515	244	27·56
6	Sátára	671	497	84	0	587	497	12·52
7	Sholápur.	277	613	197	0	80	613	70·86
	Total ...	6,317	342	1,150	0	5,167	342	18·2

(*b*).—Annual Plans of Operations.

46. A plan of operations for each division in the Central Circle was drawn up as usual by each Divisional Forest Officer in conformity with the sanctioned figures of the Budget Estimates of the year, and was approved and acted upon.

II.—WORKING OF THE YEAR.

(*a*).—Communications and Buildings.

(*1*).—*Roads.*

47. In the Khándesh Collectorate the Jakria-bári Ghát road which was in progress last year has been completed by the Public Works Department and